

Westinghouse



Station Class Surge Arresters Type SV

Indoor and Outdoor
0 to 10,000 Ft. Altitude
Single Pole - 3 to 120 Kv

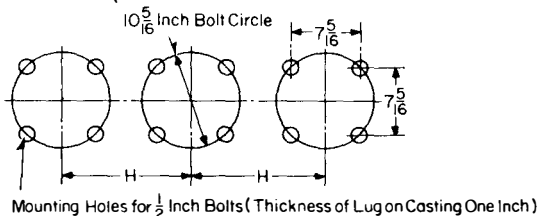
Dimensions In Inches

SV Self-Supporting Arresters

Fig. 1: Line terminal cable size # 2 to 350 MCM, .255 to .681

Figs. 2, 3, 4: Line terminal cable size # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor) for vertical or horizontal takeoff.

Ground terminal for # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor).



3-120 Kv

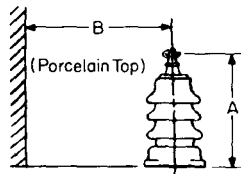


Fig. 1 3-15 Kv

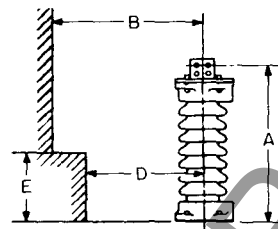


Fig. 2 3-36 Kv

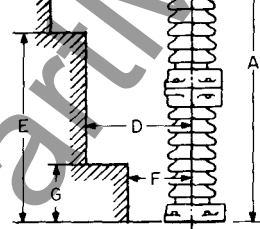


Fig. 3 39-72 Kv

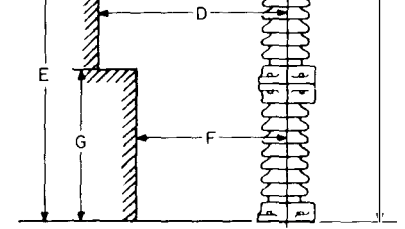


Fig. 4 90-120 Kv

Arrester Rating	Style Number ^① Light Gray (ASA # 70) Porcelain	Fig. Ref.	A	B	C	D	E	F	G	H	Creep	Approx. Net Wt.
Metal Top 3 Thru 120 Kv												
3	792C846G01	2	17 1/2	8 3/4	..	7 1/2	4	..	..	15	7	80
6	792C846G02	2	17 1/2	9 3/4	..	7 1/2	4	..	..	16	7	85
9	792C846G03	2	21 1/2	10 3/4	..	8 3/4	4	..	..	17	12	90
12	792C846G04	2	21 1/2	11 1/2	..	8 3/4	5	..	..	18	12	95
15	792C846G05	2	25 1/2	13	..	9 3/4	6	..	..	19	22	125
21	792C846G06	2	35 1/2	15	..	10 3/4	8	..	..	21	37	155
24	792C846G07	2	35 1/2	16 3/4	..	10 3/4	10	..	..	23	37	160
30	792C846G08	2	41 1/2	18 3/4	..	10 3/4	12	..	..	25	47	190
36	792C846G10	2	47 1/2	21	..	10 3/4	16	..	..	27	57	220
39	792C846G11	3	67 1/2	22	..	16	42	10 3/4	8	28	74	300
48	792C846G12	3	67 1/2	26	..	16	42	10 3/4	10	32	74	310
60	792C846G13	3	79 1/2	29 3/4	..	18 1/2	51	10 3/4	12	35	94	365
72	792C846G14	3	91 1/2	34 3/4	..	20 1/2	61	10 3/4	16	40	114	425
90	792C846G40	4	117 1/2	56	17	35	62	22	35	69 1/2	141	560
96	792C846G15	4	123 1/2	56	17	35	62	22	35	69 1/2	151	620
108	792C846G16	4	135 1/2	62	20	35	62	22	35	80	171	690
120	792C846G17	4	155 1/2	69	20	35	62	22	35	85	181	780
Porcelain Top 3 Thru 15 Kv												
3	173C232G01	1	16 1/2	7 1/2	..	..	..	..	..	13	16 1/2	75
6	173C232G02	1	16 1/2	7 1/2	..	..	..	..	..	13	16 1/2	77
9	173C232G03	1	22 1/2	8	..	..	..	..	..	13 1/2	24 1/2	97
12	173C232G04	1	22 1/2	8	..	..	..	..	..	13 1/2	24 1/2	100
15	173C232G05	1	24	9	..	..	..	..	..	14 1/2	28 1/2	119

① Dimensions also apply to brown styles.

Further Information:

Descriptive Bulletin 38-121

Price List 38-120

Performance Data 38-126

December, 1973

Supersedes DS 38-122, page 1-2, dated

October, 1972

E, D, C/1981/PL

Station Class
Surge Arresters
Type SV

Indoor and Outdoor
0 to 10,000 Ft. Altitude
Single Pole – 3 to 120 Kv

Westinghouse



Lightning Arresters

Station Type SV and SVS
Indoor and Outdoor
0 to 10,000 Ft. Altitude
Single Pole - 3 to 240 Kv

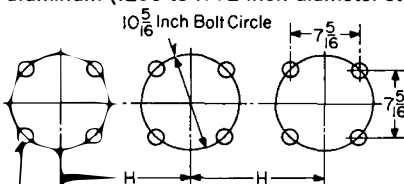
Dimensions In Inches

SV Self-Supporting Arresters

Fig. 1: Line terminal cable size # 2 to 350 MCM, .255 to .681

Figs. 2, 3, 4: Line terminal cable size # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor) for vertical or horizontal takeoff.

Ground terminal for # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor).



Mounting Holes for $\frac{1}{2}$ Inch Bolts (Thickness of Lug on Casting One Inch)

3-120 Kv

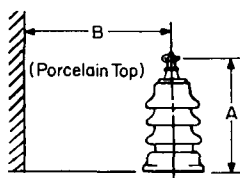


Fig. 1 3-15 Kv

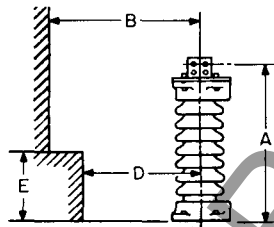


Fig. 2 3-36 Kv

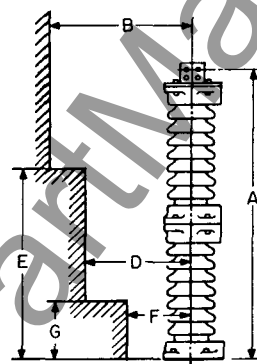


Fig. 3 39-72 Kv

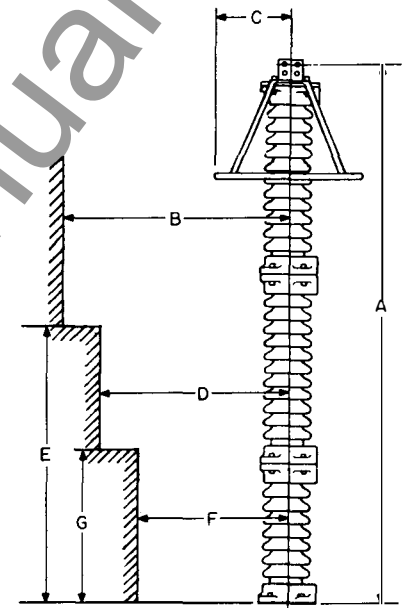


Fig. 4 90-120 Kv

Arrester Rating	Style Number Brown Porcelain	Style Number Light Gray (ASA #70) Porcelain	Fig. Ref.	A	B	C	D	E	F	G	H	Creep	Approx. Net Wt.
Metal Top 3 Thru 120 Kv													
3	1594840	792C846G01	2	17%	8%	..	7%	4	..	..	15	7	80
6	1594841	792C846G02	2	17%	9%	..	7%	4	..	..	16	7	85
9	1594842	792C846G03	2	21%	10%	..	8%	4	..	..	17	12	90
12	1594843	792C846G04	2	21%	11%	..	8%	5	..	..	18	12	95
15	1594844	792C846G05	2	25%	13	..	9%	6	..	..	19	22	125
21	1594845	792C846G06	2	35%	15	..	10%	8	..	..	21	37	155
24	1594846	792C846G07	2	35%	16%	..	10%	10	..	..	23	37	160
30	1594847	792C846G08	2	41%	18%	..	10%	12	..	..	25	47	190
36	1594848	792C846G10	2	47%	21	..	10%	16	..	..	27	57	220
39	1594849	792C846G11	3	67%	22	..	16	42	10%	8	28	74	300
48	1594850	792C846G12	3	67%	26	..	16	42	10%	10	32	74	310
60	1594851	792C846G13	3	79%	29%	..	18%	51	10%	12	35	94	365
72	1594852	792C846G14	3	91%	34%	..	20%	61	10%	16	40	114	425
90	23B3582G18	792C846G40	4	118%	56	17	35	62	22	35	69%	141	560
96	1594853	792C846G15	4	123%	56	17	35	62	22	35	69%	151	620
108	1594854	792C846G16	4	135%	62	20	35	62	22	35	80	171	690
120	1743449	792C846G17	4	155%	69	20	35	62	22	35	85	181	780
Porcelain Top 3 Thru 15 Kv													
3	1804505	173C232G01	1	16%	7%	..	..	..	..	..	13	16%	75
6	1804506	173C232G02	1	16%	7%	..	..	..	..	..	13	16%	77
9	1804507	173C232G03	1	22%	8	..	..	..	..	..	13%	24%	97
12	1804508	173C232G04	1	22%	8	..	..	..	..	..	13%	24%	100
15	1804509	173C232G05	1	24	9	..	..	..	..	..	14%	28%	119

Lightning Arresters

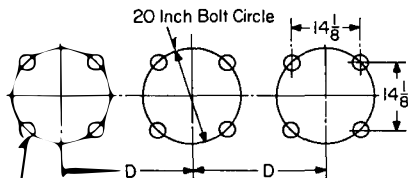
Station Type SV and SVS
Indoor and Outdoor
0 to 10,000 Ft. Altitude
Single Pole – 3 to 240 Kv

Dimensions in Inches (Approx.)

SVS Folded Pole Self-Supporting Arresters

Line terminal cable size # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor).

Ground terminal for # 2 to 450 MCM copper or # 3 to 450 MCM aluminum (.250 to .772 inch diameter stranded conductor).



Mounting Holes for $\frac{5}{8}$ Inch Bolts
(Thickness of Lug on Casting One Inch)

36-240 Kv

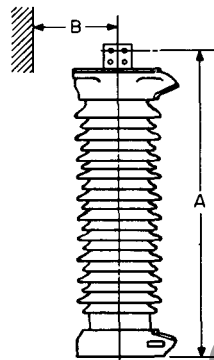


Fig. 5 36-120 Kv

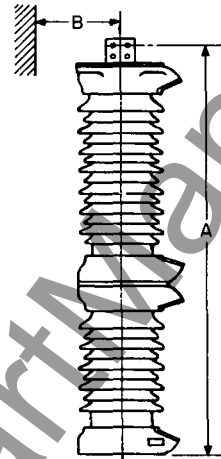


Fig. 6 132 Kv

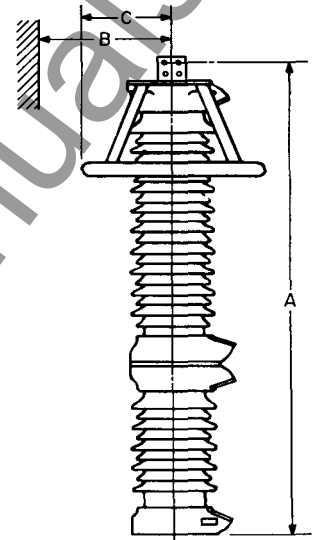


Fig. 7 144-240 Kv

Arrester Rating	Style Number Brown Porcelain	Style Number Light Gray (ASA #70) Porcelain	Fig. Ref.	A	B	C	D	Creep	Approx. Net Wt.
36	632A019A01	633A201A01	5	33%	23	..	34	35%	320
48	632A020A01	633A202A01	5	40%	26	..	38	52%	407
60	632A021A01	633A203A01	5	40%	30	..	42	52%	423
72	632A022A01	633A205A01	5	52%	35	..	47	78%	585
90	632A648A01	..	5	66%	41	..	52	110%	698
96	632A023A01	633A206A01	5	66%	43	..	54	110%	708
108	632A024A01	633A207A01	5	66%	47	..	59	110%	725
120	632A025A01	633A208A01	5	66%	52	..	63	110%	740
132	632A219A01	633A244A01	6	89%	69	..	96	130%	988
144	632A220A01	633A245A01	7	101 1/2%	73	20	100	156%	1175
168	632A221A01	633A246A01	7	104	81	20	109	162%	1183
180	632A222A01	633A247A01	7	104	86	20	113	162%	1198
192	632A223A01	633A248A01	7	116%	95	25	128	188%	1370
240	632A224A01	633A249A01	7	130%	112	25	146	221	1525

Further Information:

Descriptive Bulletin 38-120